

L.E. Carpenter Homi

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II

DATE: **MAY 13 1991**

SUBJECT: Groundwater Lead ARAR for the L.E. Carpenter & Company Facility,
Morris County, New Jersey.

FROM: *Dore LaPosta*
Dore LaPosta, Chief
Groundwater Management Section

TO: Raymond Basso, Chief
New Jersey Superfund Branch II

*See new
form
for
lead.
1500b*

This is a follow-up to our April 26 comments on the Carpenter site.

On May 7, 1991 the EPA Administrator signed an Action Level for lead in drinking water of 15 ug/L and a Maximum Contaminant Level Goal (MCLG) of 0 ug/L, effective 30 days post signing. This new Action Level replaces the former Maximum Contaminant Level (MCL) of 50 ug/L. The Action Level concentration is determined at the tap (point of use), and therefore reflects all contributions of lead to drinking water including the concentration in source water and corrosion from lead pipes or lead solder used to connect copper pipe.

A treatment technique requirement exists for source water that may contribute to exceedance of the lead Action Level. As a result, the Applicable and Relevant or Appropriate Requirement (ARAR) for groundwater classified as at least Class II, Current or Potential Source of Drinking Water, at National Priority List (Superfund) sites should be at most the 15 ug/L Federal Action Level.

The Administrator also signed an Action Level of 1.3 mg/L for copper in drinking water, effective 30 days post signing. This 1.3 mg/L concentration likewise constitutes the maximum ARAR for groundwater classified as at least class II at NPL sites. For copper, the Action Level and the MCLG are equal.

As always in determining ARARs for site associated contaminants, more stringent state standards or action levels may be applicable.

If you have any questions regarding the lead and copper ARARs, contact Dennis McChesney of my staff at extension 5543.

cc: J. Josephs, NJSB II
R. Hargrove, EIB

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